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Lee et al.

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(54) **LITHIUM SECONDARY BATTERY
CONTAINING CAPSULE FOR
CONTROLLED-RELEASE OF ADDITIVES**

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(52) **U.S. Cl.** **429/118; 429/110**

(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

Provided is a lithium secondary battery comprising a controlled-release capsule which continuously releases a desired amount of additives necessary for electrolytes or electrodes at a constant level and is included in an electrolyte and/or an electrode material, thereby providing inherent effects of additives while simultaneously minimizing adverse side reactions of surplus additives, consequently optimizing the battery performance.

3 Claims, No Drawings